Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 31 Jan 2022 until 23:59 on Tuesday 01 Feb 2022

Forecast Issued on Sunday 30 Jan 2022 at 16:25

Confidence: High for a largely fine but cold and windy day through Monday and for a generally windy and rather unsettled week, although lower for timing for the various rain bands, especially on Thursday.

Headline for Monday 31 Jan 2022: Sunny spells and a few snow showers. Rain later. Winds easing.

Mountain weather hazards on Monday 31 Jan 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Sleet showers (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Cloudy
Precipitation probability							
30%	20%	20%	20%	20%	20%	10%	40%

Forecast for Monday 31 Jan 2022

Weather: Clear or sunny spells through the morning and afternoon, with a few snow showers around, these mainly over western hills. Increasing cloud through the evening brings outbreaks of rain towards midnight.

Chance of cloud-free hill tops above 600m: Around 75% falling to zero by late evening.

Low cloud and visibility: Occasional cloud above 600m through much of the day becoming periods or persistent above 450-600m by late evening. Otherwise visibility very good falling briefly to a kilometre or so in snow showers and to several kilometres in rain later.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Monday 31 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	37/50 W	35/48 NW	31/43 NW	27/38 NW	26/36 NW	21/29 NW	18/26 W	21/30 W	28/41 W
300	29/43 W	28/42 NW	25/38 NW	18/28 NW	21/32 NW	19/28 NW	14/23 W	16/25 W	21/33 W
Valley	22/44 W	20/42 NW	16/34 NW	14/32 NW	14/29 NW	13/27 NW	9/21 W	11/24 W	15/30 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-7	0/-9	-1/-10	-1/-9	1/-6	1/-5	1/-5	2/-4	3/-4
300	4/-3	3/-4	2/-5	2/-4	4/-2	4/-1	3/-1	4/-0	5/-0
Valley	4/-1	3/-3	2/-4	2/-3	4/0	5/1	4/0	5/1	6/1
Freezing Level*	700m	400m	200m	300m	500m	600m	700m	1000m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 60mph over higher peaks at first, then nearer 50mph through the morning. Severe chill effect, especially in morning.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 30 Jan 2022	0.2mm	1.4mm	1.8mm

Forecast for Tuesday 01 Feb 2022

Weather: Overnight rain clearing soon by mid-morning then a bright, mostly dry but windy day with some sunny spells, the best of these across eastern hills, with just the odd shower possible in the west.

Maximum wind: Westerly or northwesterly 30-35mph, with gusts around 55mph over ridges and summits, easing in evening.

Chance of cloud-free hill tops above 600m: Little chance at first but becoming 40% by late morning and 75% in west and near 100% in east by afternoon.

Low cloud and visibility: Periods or persistent cloud above 450-600m, but nearer 300m in west, at first becoming periods above 600m by mid-morning and more occasional in afternoon, with little, if any, below summit level in east. Visibility rather hazy falling to several kilometres in early rain becoming very good by late morning.

Temperature: **Valleys:** Around plus 4 or 5 Celsius at dawn rising to plus 11 or 12 Celsius by day
At 600m: Around plus 6 Celsius
Freezing level: Above the summits

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